

Listing of Claims

1. (Currently Amended) A suction nozzle comprising:

a suction hole to which a suction force is applied;

an air channel formed as a closed region having predetermined area and depth,

and having the suction hole therein; and

a scraper longer than an end of an edge of the air channel, positioned in the air channel, and for scraping carpet fibers in cleaning the carpet, wherein the scraper includes air path therethrough.
2. (Original) The suction nozzle of claim 1, wherein the air channel is formed in a quadrangular shape which is short in its width and long in its length when viewed in a direction that a cleaning proceeds.
3. (Original) The suction nozzle of claim 1, wherein the air channel is divided into a first region having certain width and length and positioned in front and a second region having certain width and length and positioned in rear, the scraper is positioned in the first region, and the suction hole is positioned in the second region.
4. (Original) The suction nozzle of claim 3, wherein the suction hole is positioned in the first region, and the scraper is positioned in the second region.

5. (Original) The suction nozzle of claim 3, wherein the second region is formed inclined on the basis of the suction hole.
6. (Original) The suction nozzle of claim 3, wherein the first region is a plane.
7. (Original) The suction nozzle of claim 1, wherein the scraper comprises:
 - a quadrangular plate portion having certain thickness and area;
 - a plurality of notches formed at the end portion of the plate portion; and
 - a coupling portion formed at the opposite side of the notches, and coupled to a bottom of the air channel.
8. (Original) The suction nozzle of claim 7, wherein the notches are formed at certain intervals therebetween.
9. (Original) The suction nozzle of claim 7, wherein the notches are formed at intervals which are not certain.
10. (Original) The suction nozzle of claim 7, wherein the notches are formed in a quadrangular shape.

11. (Original) The suction nozzle of claim 7, wherein the notches are formed in a triangular shape.

12. (Original) The suction nozzle of claim 7, wherein the notches are respectively positioned at both ends of the plate portion.

13. (Original) The suction nozzle of claim 1, wherein there are two scrapes, notches are respectively formed at both end portions of the two scrapes, and the notches formed at the two scrapers are alternatively formed.

14. (Original) The suction nozzle of claim 1, wherein the scraper is made of a material having flexibility.

15. (Currently Amended) A suction nozzle comprising:
a suction hole to which a suction force is applied;
an air channel formed as a closed region having predetermined area and depth,
and having the suction hole therein;
a scraper longer than an end of an edge of the air channel, positioned in the air channel, and for scraping carpet fibers in cleaning a carpet; and

side passages respectively formed at both side edges of the air channel and through which air passes, wherein the scraper includes air path therethrough.

16. (Currently Amended) A head of a vacuum cleaner comprising:

a housing having an inner path to which a suction force is applied;

an inner air channel formed as a closed region having predetermined area and depth in a bottom of the housing which comes in contact with a floor, and having a suction hole of the inner path therein;

a scraper longer than an end of an edge of the inner air channel, positioned in the inner air channel, and for scraping carpet fibers in cleaning a carpet;

a front blade and a rear blade movably inserted to the front and the rear of the air channel respectively, and forming an outer air channel in cleaning a floor; and

a mode changing means mounted in the housing, and fixing the front blade and the rear blade by pushing or pulling them, wherein the scraper includes air path therethrough.

17. (Original) The head of claim 16, wherein the scraper comprises:

a quadrangular plate portion having a certain thickness and area;

a plurality of notches formed at an end portion of the plate portion; and

a coupling portion formed at the opposite side of the notches and coupled to a bottom of the air channel.

Serial No. 10/527,316

Docket No. P-0750

Amdt. dated October 27, 2008

Reply to Office Action of June 27, 2008

18. (Original) The head of claim 16, wherein a plurality of notches is formed at an end of the front blade.